

Art Unit: 1632

14. The pair of vectors of claim 12 wherein the component of an LCR is a component of the β -globin LCR consisting of HS3.

25. A method for identifying an LCR or component thereof which when comprised in an episomal DNA expression vector, operatively linked to a gene of interest, and present in a host cell directs expression of said gene in a tissue-restricted manner, comprising:

i. testing the LCR or component thereof by transfecting a cell line with an episomal vector containing the candidate LCR or component thereof operatively linked to a marker gene [into a cell line in which] wherein the LCR when chromosomally integrated is known to be active and also [into] transfecting a cell line in which the LCR when chromosomally integrated is known to be inactive; and

ii. identifying the LCR or component thereof comprised in an episomal DNA expression vector which directs expression of the marker gene only [is only active] in the cell line in which the LCR when chromosomally integrated is known to be active and not in the cell line in which the LCR when chromosomally integrated is known to be inactive.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Anne-Marie Baker whose telephone number is (703) 306-9155. The examiner can normally be reached Monday through Thursday and alternate Fridays from 9:30 AM to 7:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Karen Hauda, can be reached on (703) 305-6608. The fax phone number for the organization where this application or proceeding is assigned is (703) 308-8724.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the patent analyst, Kay Pinkney, whose telephone number is (703) 305-3553.

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